



Mitesh Limachia  
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# Modeling and Simulation of ARM Processor Architecture

Using SystemC



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# Modeling And Simulation Of Arm Processor Architecture Using Systemc

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Fabre, 2016-12-08 This book puts in focus various techniques for checking modeling fidelity of Cyber Physical Systems CPS with respect to the physical world they represent The authors present modeling and analysis techniques representing different communities from very different angles discuss their possible interactions and discuss the commonalities and differences between their practices Coverage includes model driven development resource driven development statistical analysis proofs of simulator implementation compiler construction power temperature modeling of digital devices high level performance analysis and code device certification Several industrial contexts are covered including modeling of computing and communication proof architectures models and statistical based validation techniques **Electronic Circuit Design**

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practical experiences and new ideas in the application of specification design and verification languages to the design modeling and verification of integrated circuits complex hardware software embedded systems and mixed technology systems

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